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Order from: National Technical Information
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5285 Port Royal Road
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Order from OTS of SLA \$1.60

63-15423

Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7,
no. 1, p. 28-32.

DESCRIPTORS: Radiobiology, *Injectors (Medicine),
*Radioactive isotopes, Ion exchange resins, *Medical
equipment.

The method of obtaining applicators with varying emis-
sion for medical use proposed herein is based on the
use of ion-exchange materials. All the operations for
preparation of the applicators may easily be made
automatic. Models of applicators using radioactive
(Biological Sciences--Medical Specialties, TT, v. 9,
no. 10) (over)

- I. Sokolov, V. A.
- II. Kondrat'eva, T. I.
- III. FASEB S-30-2
- IV. Federation of American
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Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(SF-2181)

Integral Absorbed Dose in the Gonads Region
During Roentgenological Investigations of
the Lungs and the Stomach, by B. M.

Aliyev, 15 pp.

RUSSIAN, per, Med Radiolog, Vol VII, No 1,
1962, pp 53-62.

JPRS 13270

190,522

Sci - Med
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(AEC-tr-7232, pp 104-11) ,A NEW RAPID METHOD
FOR DETERMINING THE ⁹⁰Sr CONTENT OF BONES. Golut-
vina, M. M.; Kazakova, T. A.; Nikolaev, Yu. M.; Markelova,
N. V. ¹⁰Translated from ¹⁵Med. Radiol.; [7]: No. 1, 62-7(1962).

20

²⁸MN-41 ²⁹P NSA

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INJURIES TO HEALTHY TISSUES FROM RADIATION
THERAPY OF MALIGNANT NEOPLASMA OF THE CHEST,
BY G. A. ZEDGENIDZE, 13 PP.

RUSSIAN, PER, MEDRADIOLOG, VOL VII, NO 2, 1962,
PP 3-13.

JPRS 13820

SCI - MED
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(NY-7045)

CANCER AS THE RESULT OF RADIATION TEHRAPY,
BY G. G. GRIKUROV, 18 PP.

RUSSIAN, PER, MEDR RADIOLOG, VOL VII, NO 2,
1962, PP 14-30.

JPRS 13820

SCI - MED
MAY 62

197,351

(NY-7045)

REGENERATION IN RADIATION INJURIES, BY G. S.
STRELIN, 7 PP.

RUSSIAN, PER, MED RADIOLOG. VOL VII, NO 2, 1962,
PP 30-36.

JPRS 13820

SCI - MED
MAY 62

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(NY-7045)

CHEMICAL AGENTS IN THE THERAPY OF HEMATOPOIETIC
DISORDERS OCCURING FROM THE EFFECT OF IONIZING
RADIATION, BY A. M. RUSANOV, YE. N. MOZHAROVA,
9 PP.

RUSSIAN, PER, MED RADIOLOG, VOL VII, NO 2, 1962,
PP 42-48.

JPRS 13820

SCI - MED
MAY 62

197,353

(NY-7045)

COMPLICATIONS OF RADIATION THERAPY OF BENIGN
AND MALIGNANT TUMORS AND NON-NEOPLASTIC
DISEASES, BY A. V. KOZLOVA, 7 PP.

RUSSIAN, PER, MED RADIOLOG, VOL VII, NO 2, 1962,
PP 58-64.

JPRS 13820

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(NY-7045)

THE SIGNIFICANCE OF BONE MARROW TRANSFUSIONS
IN THE TREATMENT OF RADIATION DEPRESSION OF HEMATOPOIE
SIS, 5 PP, BY A. A. BAGDASAROV, G. V. SUKYASYAN.

RUSSIAN, PER, MED RADIOLOG, VOL VII, NO 2, 1962,
PP 68-71.

JPRS 13820

SCI - MED
MAY 62

197,355

(NY-7045)

CHARACTERISTICS OF THE COURSE OF RADIATION SICKNESS
IN INTERNAL IRRADIATION WITH BETA-RAYS OF
RADIOACTIVE PHOSPHORUS, BY T. G. BARAMIDZE,
5 PP.

RUSSIAN, PER, MED RADIOLOG, VOL VII, NO 2, 1962,
PP 87-89.

JPRS 13820

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(NY-7045)

THE PROBLEM OF THE DEVELOPMENT OF SOVIET
RADIATION HYGIENE, BY M. N. POBEDINSKIY,
6 PP.

RUSSIAN, PER, MED RADIOLOG, VOLVII, NO 2, 1962,
PP 90-93.

JPRS L3820

SCI - MED
MAY 62

197,357

TT-63-23889

Omel'yanenko, L. M. and Merkova, M. A.
CHANGES IN THE NERVOUS SYSTEM AND IN-
TERNAL ORGANS AT LONG INTERVALS AFTER
RADIOTHERAPY. [1963] [11p] 6refs FASEB
Manuscript no. S414-2

Order from OTS, SLA, or ETC \$1.60 TT-63-23889

Trans. of Meditsinskaya Radiologiya (USSR) 1962,
v. 7, no. 3, p. 8-13. (Abstract available)

DESCRIPTORS: *Nervous system, *Radiotherapy,
Radiation effects.

Results are described of investigations of the nervous
system and internal organs of 73 patients (49 females
and 24 males) which had undergone radiotherapy. A
provisional hypothesis is put forward concerning the
effect of the localization of the fields of irradiation on
the frequency and degree of the postradiational changes.
(Biological Sciences--Radiobiology, TT, v. 11, no. 3)

- I. Omel'yanenko, L. M.
- II. Merkova, M. A.
- III. FASEB S-414-2
- IV. Federation of American
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Washington, D. C.
- V. Scripta Technica, Inc.,
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Office of Technical Services

(NY-7063)

INTRACRANIAL ADMINISTRATION OF MONOCLONAL
BONE MARROW TO LATERALLY IRRADIATED RATS, BY
K. A. LEBENEV, 6 PP.

RUSSIAN, PER, MEDIT RADIOLOG, VOL VII, NO 3,
1968, PP 24-27.

JPRS 14130

SCI - MED

JAN 68

199,989

63-23038

Kosyakov, K. S., Libikova, N. I., and Merkina, T. N.
URINARY EXCRETION OF DESOXYCYTIDINE IN
ACUTE RADIATION SICKNESS. [1963] [9]p. 1 ref.
FASEB manuscript no. S-416-2,
Order from OTS for SL 10 \$1.10 63-23038

Trans. of Moskva Radiologiya (USSR) 1962,
v. 7, no. 3, p. 31-35.

DESCRIPTORS: *Urine, *Excretion, Ribose, *Radiation
sickness, Cysteine, *Nucleosides, Radioprotective
agents.

The suggested method of determining the intensity of the
cysteine reaction with a cobalt standard is not inferior
to the spectral method of investigation in defining the
desoxyribose content of the urine in conventional units.
In rats irradiated in doses of 400, 700 and 800 r, during
the first 24 hr after irradiation the excretion of desoxy-
(Biological Sciences - Radiobiology, TT, v. 10, no. 8)
(over)

1. Title: Deoxycytidine
- I. Kosyakov, K. S.
- II. Libikova, N. I.
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63-23888

Deryabina, V. M., Kagan, M. S. and others.
**PHYSIOLOGICAL AND DOSIMETRIC INVESTIGATIONS
 OF THE EFFECT OF RADON WATER, GIVEN IN-
 TERNALLY, ON THE GASTRIC SECRETORY FUNCTION.**
 [1963] [11]p. 7 refs. FASEB manuscript no. S419-2.
 Order from OTS or SLA \$1.60 63-23888

Trans. of Meditsinskaya Radiologiya (USSR) 1962,
 v. 7, no. 3, p. 39-45.

DESCRIPTORS: *Radiation effects, *Radiological
 dosage, *Secretion, Stomach, *Radon, Stimulation,
 Water, Physiology.

The integral absorbed dose of radiation obtained by
 three dogs after a single introduction of radon water
 into the stomach in a dose of 250 ml with a radon con-
 centration of 5000 Maske units (1.8 μ Cl/liter), followed
 by taking food, averaged 18.7 g-rad. Important factors
 (Biological Sciences--Radiobiology, TT, v. 10, no. 11)
 (over)

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- III. FASEB S-419-2
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Washington, D. C.

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Leites, F. L.

EFFECT OF WHOLE-BODY ALPHA-RAY THERAPY
(INTRAGASTRIC INJECTION OF RADON WATER) ON
EXPERIMENTALLY DISTURBED LIPID METABOLISM.
Nov/Dec 63, 5p 18 refs

Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, v. 22, no. 6, pt. II,
p. T1210-T1214

Trans. of Meditsinskaya Radiologiya (USSR) 1962,
v. 7, no. 3, p. 45-[53].

DESCRIPTORS: *Radiation effects, Alpha particles,
*Lipids, *Metabolism, *Radiotherapy, Hypo-
thyroidism, Cholesterol.

(Biological Sciences--Radiobiology, TT, v. 11, no. 10)

TT-63-17973-6
(p. T1210-T1214)

I. Leites, F. L.

II. Federation of American
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(107-7065)

NEW REGULATIONS FOR WORK WITH RADIOACTIVE
SUBSTANCES IN INSTITUTIONS OF THE SYSTEM
OF THE MINISTRY OF HEALTH, BY
YE. I. KOSHEVY, P. I. KOSHEVY, 7 PP.

RUSSIAN, PER. MED. MEDICAL, VOL VII, NO 3,
1961, PP 65-68.

JMS 10/30

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~~Yu. N. Kudovitskiy~~

11-2-1964

232,400

~~K. K. Poplavskiy~~

(NY-7065)

REVIEW OF VL. V. DIVINEV'S BOOK: FOMOTVE
OBLICHIVYE CHLOVICHENNO (MEANING
(BACKGROUND INFORMATION OF THE HUMAN
ORGANISM), BY L. A. FORTOV, 5 PP.

RUSSIAN, PER, NEST RADIOLOG, VOL VII, NO 3,
1968, PP 89-91.

JWS 14190

BCI - MED

JAN 62

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(NY-7107)

CLINICAL-MORPHOLOGICAL COMPARISONS IN THE
SURGICAL METHOD OF TREATING RADIATION INJURY,
BY YE. D. SAVCHENKO, 10 PP.

RUSSIAN, PER, MEDIT RADIOLOG, VOL VII, NO 4,
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PP 47-53.

JPRS 14299

SCI - MED
JUL 62

202,045

(NY-7107)

CLINICAL STUDIES OF PROTEIN AND PROTEIN
FRACTIONS OF PLASMA OF PEOPLE WHO HAVE BEEN IN
PROLONGED CONTACT WITH IONIZING RADIATION,
BY O. I. KUDRYASHOVA, 5 PP.

RUSSIAN, PER, MEDIT RADIOLOG, VOL VII, NO 4,
1962, PP 54-57.

JPRS 14299

SCI - MED
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(NY-7107)

THE BIOLOGICAL INTERACTION OF X- AND INFRARED
RAYS, BY G. A. MALLABIU, 4 PP.

RUSSIAN, PER, MEDIT RADIOLOG, VOL VII, NO 4,
1962, PP 64-66.

SCI - MED
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JPRS 14299
OTF 6152A 61-23736 (6/11)
62-25508

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(NY-7107)

FUNCTIONAL CHANGES IN THE SUPRARENAL MEDULLA
AFTER THE EFFECT OF INTERNAL IRRADIATION ON THE
BODY, BY V. I. KANDROR, 7 PP.

RUSSIAN, PER, MEDIT RADIOLOG, VOL VII, NO 4,
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JPRS 14299

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PLANNING SPECIFICATIONS OF PREMISES FOR
MEDICAL LINEAR ACCELERATORS, BY S. L. KANEVSKIY,
7 PP.

RUSSIAN, PER, MEDIT RADIOLOG, VOL VII, NO 4,
1962, PP 85-89.

JPRS 14299

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Zubovskii, G. A. and Tsimerman, G. S.
TREATMENT OF OTOSCLEROSIS WITH RADIO-
PHOSPHORUS. [1963] [10] p. 5 refs.
FASEB Manuscript no. S 385-2.
Order from OTS or SLA \$1.10 63-23894

Trans. of Meditsinskaya Radiologiya (USSR) 1962,
v. 7, no. 5, p. 27-31.

DESCRIPTORS: *Deafness, Bone, Ear, *Hearing,
Radioactive isotopes, *Phosphorus, *Radiotherapy,
Radiation effects, Otorhinolaryngology.

(Biological Sciences--Radiobiology, TT, v. 10, no. 12)

63-23894

- I. Zubovskii, G. A.
- II. Tsimerman, G. S.
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Washington, D. C.

Office of Technical Services

(NY-7177)

DISTURBANCES IN THE REPRODUCTIVE SYSTEM OF
MONKEYS AT REMOTE PERIODS FOLLOWING ACUTE RADIATION
SICKNESS, BY ~~XXX~~ L. A. YAKOVLEVA, M. I. NOVIKOVA,
8 PP.

~~XXXX~~ RUSSIAN, PER, MEDIT RADIOL, VOL VII, NO 5,
1962, PP 3L-37.

JPRS 14883

SCI - MED

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63-23893

Klimov, P. K.
FUNCTIONAL CHANGES IN THE LYMPHATIC SYSTEM IN ACUTE RADIATION SICKNESS IN CONJUNCTION WITH TRAUMA TO THE BONES AND JOINTS. [1963] [8]p. 4 refs. FASEB Manuscript no. S 388-2.
Order from OTS or SLA \$1.10 63-23893
figs. available on loan from OTS

Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7, no. 5, p. 45-48.

DESCRIPTORS: *Lymphatic system, *Radiation sickness, Bone, *Joints (Physiology), *Fractures (Bone), Wounds and injuries.

(Biological Sciences--Radiobiology, TT, v. 10, no. 12)

- I. Klimov, P. K.
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(NY-7177)

THE EFFECT OF HOMOTRANSPLANTATION OF FRESH BONE
MARROW ON RADIATION SICKNESS COMPLICATED BY
SIMPLE BONE FRACTURES, BY G. G. CHEMYANOV, 6 PP.

RUSSIAN, PER, MEDIT RADIOL, VOL VII, NO 5,
1962, PP 49-53.

JPRS 14883
OTD 034A 62-23892 (copy)
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SCI - MED
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(NY-7177)

THIRD INTERINSTITUTE CONFERENCE ON PROBLEMS
OF RADIATION IMMUNOLOGY AND MICROBIOLOGY, BY
D. R. KAULEN, 4 PP.

RUSSIAN, PER, MEDIT RADIOL, VOL VII, NO 5,
1962, PP 91-93.

JPRS 14883

SCI - MEDICINE

AUG 62

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(SF-2320)

COMPARATIVE STUDY OF THE DISTRIBUTION OF RADIO-
ACTIVE COLLOIDAL GOLD AND OF RADIOACTIVE COLLOIDAL
GOLD COATED WITH STABLE SILVER IN INTRA-ABDOMINAL
ADMINISTRATION, BY M. A. VOLKOVA, I. G. ASHIKMANA,
6 PP.

RUSSIAN, PER, MEDIT RADIOLOGIYA, VOL 7, NO 6,
1962, PP 32-36.

JPRS 15173

SCI - MEDICINE

SEP 62

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(SF-2320)

HYPOTENSION AND VASOCONSTRICTION IN ACUTE
RADIATION SICKNESS, BY K. B. TIKHONOV, 15 PP.

RUSSIAN, PER, MEDIT RADIOLOGIYA, VOL VII, NO 6,
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JPRS 15173

SCI - MEDICINE
SEP 62

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